

For Research Use Only



CoraLite® Plus 488-conjugated Glucocorticoid receptor Polyclonal antibody

Catalog Number: CL488-24050

Featured Product

1 Publications

Basic Information

Catalog Number: CL488-24050	GenBank Accession Number: BC015610	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2908	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Isotype: IgG	Calculated MW: 86 kDa	
Immunogen Catalog Number: AG21146	Observed MW: 94-97 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : A549 cells,
Cited Applications: IF	
Species Specificity: human, mouse, rat	
Cited Species: mouse	

Background Information

NR3C1 is a receptor for glucocorticoids, which owns a dual mode of action: as a transcription factor that binds to glucocorticoid response elements (GRE) and as a modulator of other transcription factors. It is involved in cell proliferation and differentiation and specifically implicated in newborn birth weight, thus providing a biological mechanism by which NR3C1 expression may influence birth weight [PMID:22810058].

Notable Publications

Author	Pubmed ID	Journal	Application
Mehdi Boutagouga Boudjadja	36182699	Curr Biol	IF

Storage

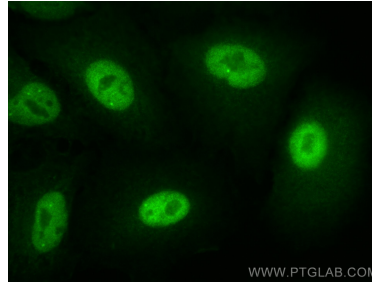
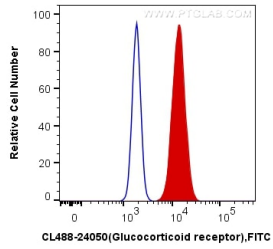
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Glucocorticoid receptor (CL488-24050) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).

Immunofluorescent analysis of (4% PFA) fixed A549 cells using CoraLite® Plus 488 Glucocorticoid receptor antibody (CL488-24050) at dilution of 1:200.